

## Honda Civic Hybrid Electric Vehicle Fleet and Accelerated Reliability Testing – July 2005

A total of four Honda Civic hybrid electric vehicles (HEVs) have entered Fleet and Accelerated Reliability testing since May 2002 in two fleets in Arizona. Two of the Civic HEVs were driven 25,000 miles each (Fleet testing) and the remaining two were driven until they accumulated approximately 160,000 miles each (Accelerated Reliability Testing). One reached 161,000 miles in February 2005 and the other 164,000 in April 2005. The two 160,000 miles Civic HEVs are having their fuel efficiencies retested on dynamometers (with and without air conditioning) and their batteries will be capacity tested.

One page, vehicle fact sheets and maintenance logs have been posted for the HEVs on nearby [www](#) pages. The information includes: miles driven, fuel economy, operations and maintenance requirements, operating costs, life-cycle costs, and any unique driving issues.

The four Civic HEVs were driven a total of 377,546 miles and the cumulative average fuel economy for the Civic HEVs was 37.6 miles per gallon. During December 2003, the monthly fuel economy results were skewed as both remaining vehicles were out for repairs and few miles accumulated. However, one Civic was fueled during December, so the monthly miles-per-gallon was very low.



